

Title (en)

RAIL VEHICLE AND METHOD FOR PRODUCING A RAIL VEHICLE

Title (de)

SCHIENENFAHRZEUG UND VERFAHREN ZUR HERSTELLUNG EINES SCHIENENFAHRZEUGS

Title (fr)

VÉHICULE FERROVIAIRE ET PROCÉDÉ DE FABRICATION D'UN VÉHICULE FERROVIAIRE

Publication

EP 3909801 B1 20231129 (DE)

Application

EP 21173493 A 20210512

Priority

DE 102020205958 A 20200512

Abstract (en)

[origin: CN113650638A] The invention relates to a rail vehicle and a method for producing the rail vehicle. The rail vehicle comprises at least one high-voltage component and at least one insulating element (7, 9), the at least one high-voltage component is arranged in a housing and the at least one insulating element (7, 9) is arranged between the high-voltage electrical component and the bottom surface of the housing, or the at least one high-voltage electrical component is arranged on the roof and the at least one insulating element (7, 9) is arranged between the high-voltage electrical component and the top surface (4) of the roof, and the insulating element (7, 9) is a solid insulating element having semiconductor properties.

IPC 8 full level

B60L 5/24 (2006.01); **B60L 3/00** (2019.01); **B60L 5/18** (2006.01); **B61D 17/12** (2006.01); **H01B 3/46** (2006.01); **H01B 17/62** (2006.01)

CPC (source: CN EP)

B60L 3/0069 (2013.01 - EP); **B60L 5/18** (2013.01 - EP); **B60L 5/24** (2013.01 - EP); **B61D 17/12** (2013.01 - CN EP); **B61D 49/00** (2013.01 - CN); **H01B 3/46** (2013.01 - EP); **H01B 17/62** (2013.01 - CN); **H01R 4/66** (2013.01 - CN); **B60L 2200/26** (2013.01 - EP)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

EP 3909801 A1 20211117; **EP 3909801 B1 20231129**; CN 113650638 A 20211116; DE 102020205958 A1 20211118; ES 2972515 T3 20240613

DOCDB simple family (application)

EP 21173493 A 20210512; CN 202110515418 A 20210512; DE 102020205958 A 20200512; ES 21173493 T 20210512